



# **Enable SnapMirror in Element software**

## **ONTAP 9**

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# Table of Contents

- Enable SnapMirror in Element software . . . . . 1
  - Enable SnapMirror on the Element cluster . . . . . 1
  - Enable SnapMirror on the Element source volume . . . . . 1
  - Create a SnapMirror endpoint . . . . . 2

# Enable SnapMirror in Element software

## Enable SnapMirror on the Element cluster

You must enable SnapMirror on the Element cluster before you can create a replication relationship. You can perform this task in the Element software web UI only.

### Before you begin

- The Element cluster must be running NetApp Element software version 10.1 or later.
- SnapMirror can only be enabled for Element clusters used with NetApp ONTAP volumes.

### About this task

The Element system comes with SnapMirror disabled by default. SnapMirror is not automatically enabled as part of a new installation or upgrade.



Once enabled, SnapMirror cannot be disabled. You can only disable the SnapMirror feature and restore the default settings by returning the cluster to the factory image.

### Steps

1. Click **Clusters > Settings**.
2. Find the cluster-specific settings for SnapMirror.
3. Click **Enable SnapMirror**.

## Enable SnapMirror on the Element source volume

You must enable SnapMirror on the Element source volume before you can create a replication relationship. You can perform this task in the Element software web UI only.


### Before you begin

- You must have enabled SnapMirror on the Element cluster.
- The volume block size must be 512 bytes.
- The volume must not be participating in Element remote replication.
- The volume access type must not be “Replication Target”.

### About this task

The procedure below assumes the volume already exists. You can also enable SnapMirror when you create or clone a volume.

### Steps

1. Click **Management > Volumes**.
2. Click the  button for the volume.
3. In the drop-down menu, select **Edit**.
4. In the **Edit Volume** dialog, select **Enable SnapMirror**.
5. Click **Save Changes**.

# Create a SnapMirror endpoint

You must create a SnapMirror endpoint before you can create a replication relationship. You can perform this task in the Element software web UI only.

## Before you begin

You must have enabled SnapMirror on the Element cluster.

## Steps

1. Click **Data Protection > SnapMirror Endpoints**.
2. Click **Create Endpoint**.
3. In the **Create a New Endpoint** dialog, enter the ONTAP cluster management IP address.
4. Enter the user ID and password of the ONTAP cluster administrator.
5. Click **Create Endpoint**.

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